SGD 2000/2500 Assembly

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03/05 MB0200330

SGD 2000/2500 ASSEMBLY

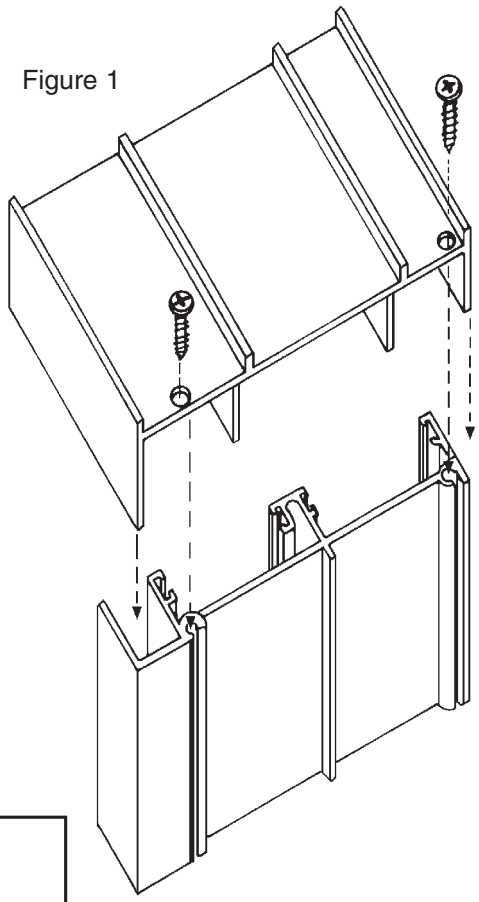
GENERAL

- Protect mainframe only with light coating of oil, grease or soap. Action of lime in plaster can destroy finish.
- Sill must be smooth...buff edges and fill any valleys left by mason. A ridge or lump could cause latching problems.
- If installing in wood surround, measure assembled door frame and make surround to these dimensions.

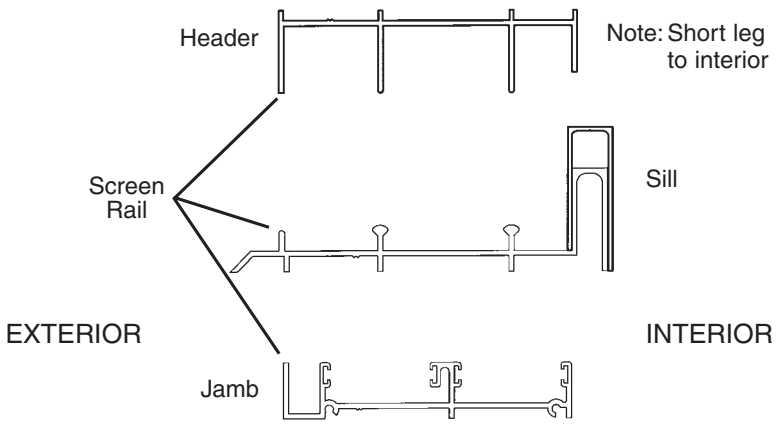
FRAME ASSEMBLY

1) **Optional step** – Assemble frame using two #6 x 1/2" pan head screws at each corner (Fig. 1). Not applicable for doors exceeding 3 tracks. Screws will not align.
2) Seal under entire length of sill, all frame seams and all installation screws.
3) Set frame in opening and shim as necessary to make frame plumb and square. Shim behind all frame jamb and header installation screws and near latch keeper to prevent frame distortion when installation screws are tightened.
4) **Important**: Frame head and track MUST be level and frame must be plumb at jambs. Measure at head, track and latch to be certain that frame has not bowed either in or out.
5) Attach frame to opening as per manufacturer's specifications and in compliance with all local and state requirements.

Figure 1



FRAME PARTS ID & ORIENTATION



PANEL INSTALLATION

BEFORE YOU START please note the following:

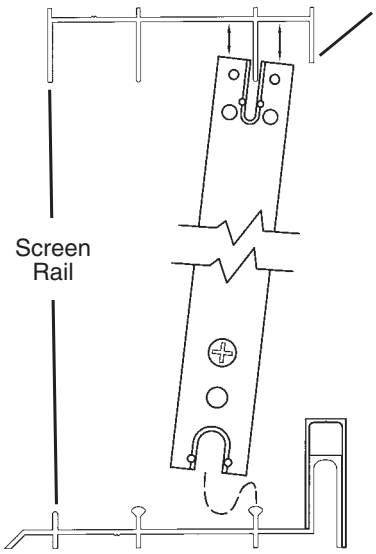
A) Always start with the inside panel which is installed with interlock facing out.
B) Panels with notched double interlocks are installed with notch to the inside.
C) Some panels may require field notching depending on the type of track ordered.

1) Position panel so that header fin slips into nylon guides. Swing bottom of panel in until centered over track, then lower panel so that wheels rest on track (Fig. 2). Repeat procedure, with next outer panel, but with interlock facing in unless double interlocks are present.
2) To adjust panel height use a philips head screwdriver to turn adjustment screw at the bottom of panel. Screw guns can strip the adjustment screw and therefore are not recommended. To raise panels, pick up panel to relieve the weight pressure on wheels, then adjust by turning adjustment screw clockwise. To lower panels, turn the adjustment screw counter clockwise then use weight pressure on the panel to set wheels to the new adjustment level.
   WARNING: When lowering the wheel, if you feel pressure, do not continue as this will cause the adjustment screw to strip. Adjust until panel rolls freely and panel stile and frame jamb are parallel. Check operation of all panels, adjust as necessary

ASSEMBLE TRACK CLIP - *See next page*.

3) When panels are properly adjusted, latch keeper may be raised or lowered to make proper contact with latch bolt.
4) For fixed panels, secure panel with brackets and screws provided.
   WARNING: Use of longer screws may damage glass.

Figure 2



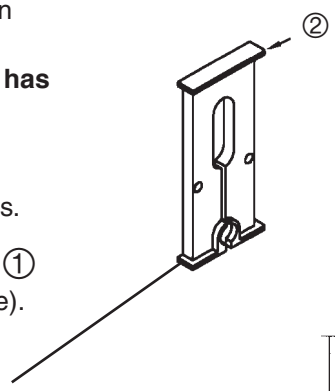
STANDARD SCREEN INSTALLATION

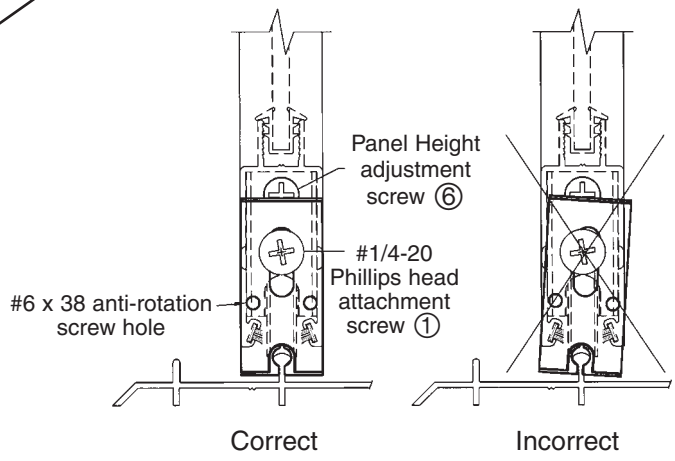
1) Loosen all wheel adjustment screws.
2) Place screen on outside head and sill fins. It may be necessary to lift bottom wheels with screwdriver so they ride on screen rail.
3) Adjust both rollers on bottom to level screen at desired height.
4) Adjust top rollers to sufficient tension to prevent track jump.
5) Slide screen full length of track and readjust as necessary to allow smooth, easy movement.
6) When screen is properly adjusted, nylon keeper on jamb may be raised or lowered to compensate.
7) Box screens are installed like glass panels. Refer to PANEL INSTALLATION instructions above.

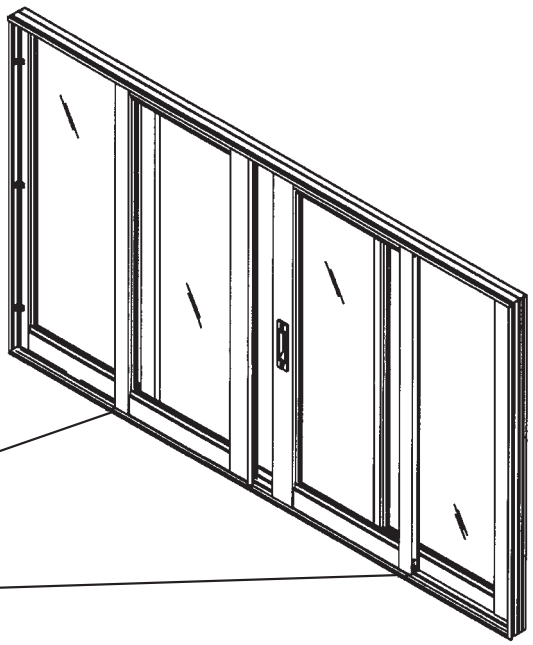
SGD 2000/2500 ASSEMBLY

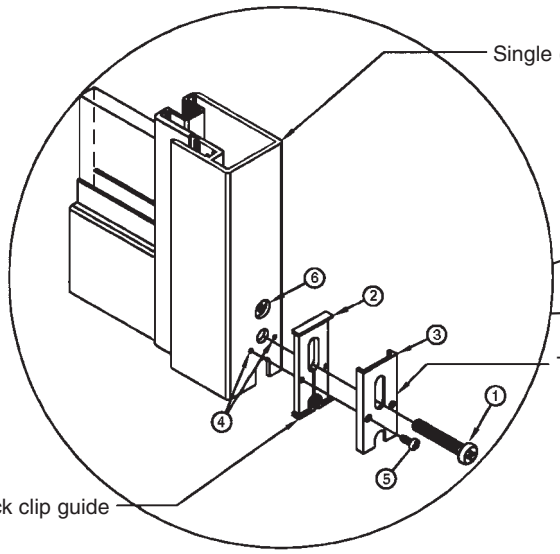
TRACK CLIP ASSEMBLY

1. Install SGD assemblies per normal installation instructions on previous page.
   CAUTION! Install the track clip assembly only after door has been properly adjusted.
2. Identify the proper location(s) for the track clip assembly – install at the bottom of each active panel on interlocking stiles.
3. Remove the #1/4 - 20 Phillips head panel attachment screw ① located at the bottom of the active door panels (interlock side).
4. Identify the plastic component (② track clip guide) of the assembly. NOTE: If the web is not broken to allow assembly of the plastic part, carefully cut through it with a utility knife.
5. Install the clip guide followed by the metal part (③ track clip cover) as shown.
6. Reinstall and tighten the #1/4 - 20 attachment screw ①.
   IMPORTANT: Be sure that track clip assembly is positioned vertically and aligned with panel after tightening the #1/4 - 20 attachment screw ① and prior to drilling for and installing the #6 x 3/8 anti-rotation screw ⑤. See illustration at right.
7. Predrill using a 3/32" drill bit at either anti-rotation screw hole location ④ as indicated.
8. Install the #6 x 3/8 anti-rotation screw ⑤ in the predrilled hole as indicated
   NOTE: Further vertical adjustment to the panel is prevented due to adjustment screw ⑥.
9. Repeat steps 1 through 8 for all active panel interlock positions.









SGD 2000/2500 ASSEMBLY

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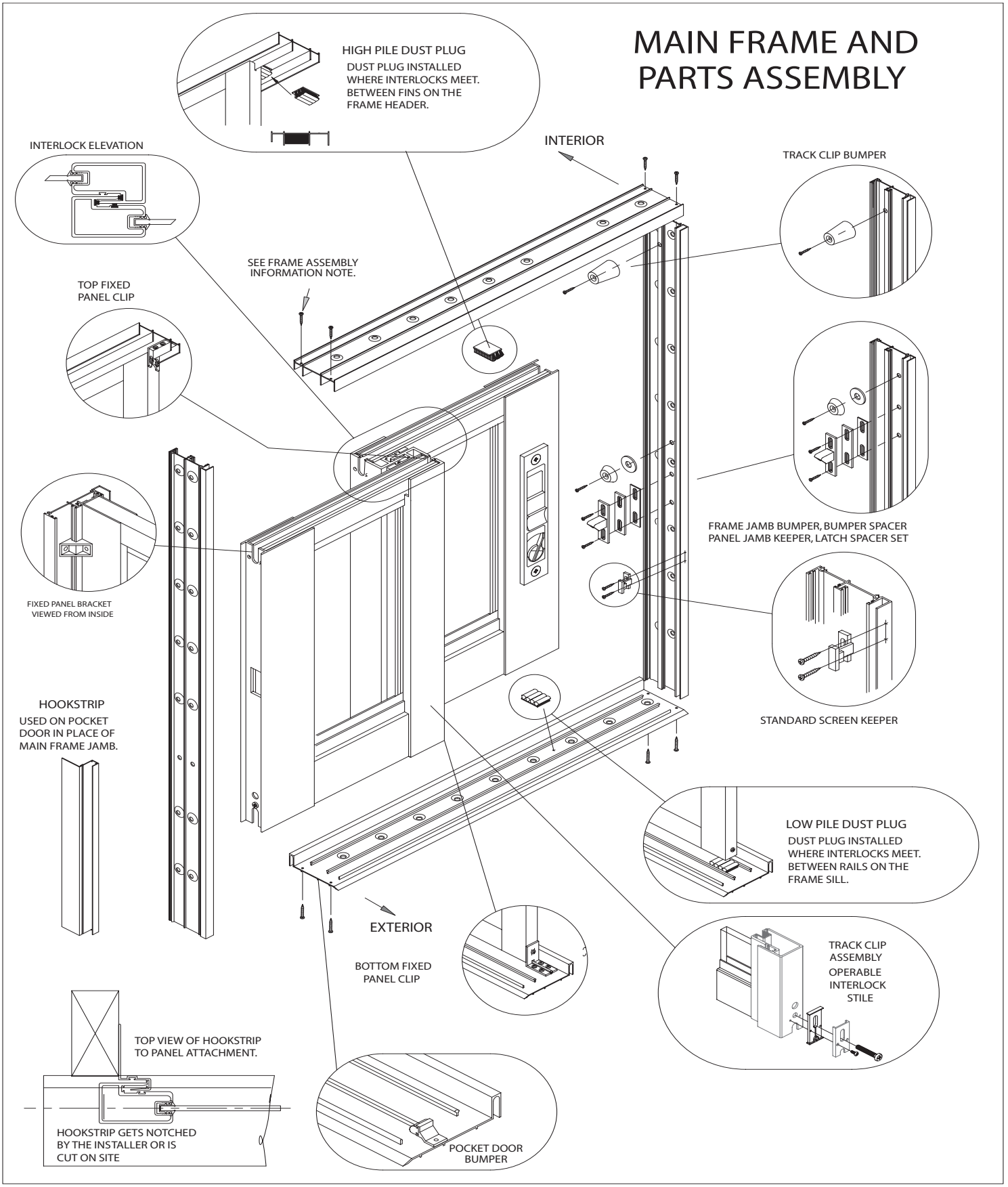
MAIN FRAME AND PARTS ASSEMBLY

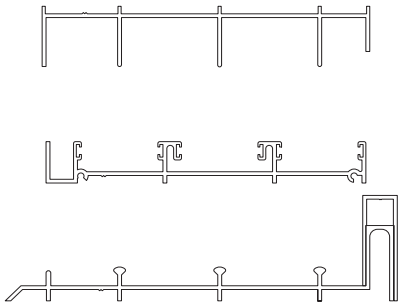


SGD 2000/2500 ASSEMBLY

FRAME TRACK CONFIGURATION - EXTERIOR

ILLUSTRATIONS SHOWN HAVE STANDARD SCREEN RAILS.

3-TRACK CONFIGURATION



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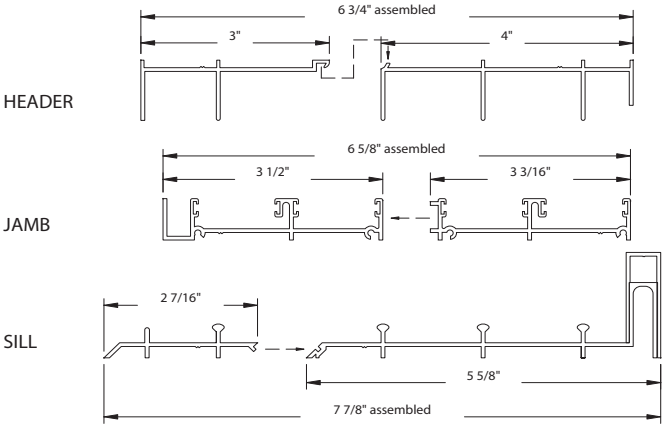

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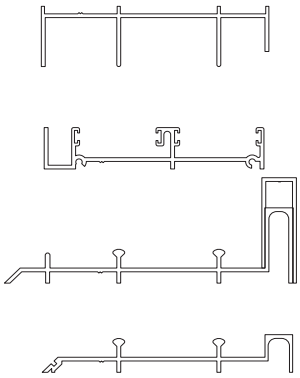

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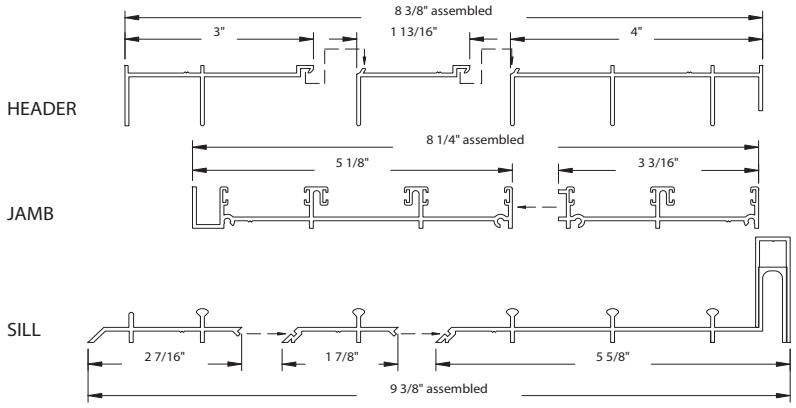
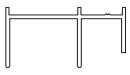
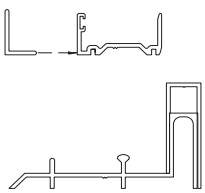


1-TRACK CONFIGURATON POCKET DOORS ONLY



OPTIONAL SCREEN RAIL



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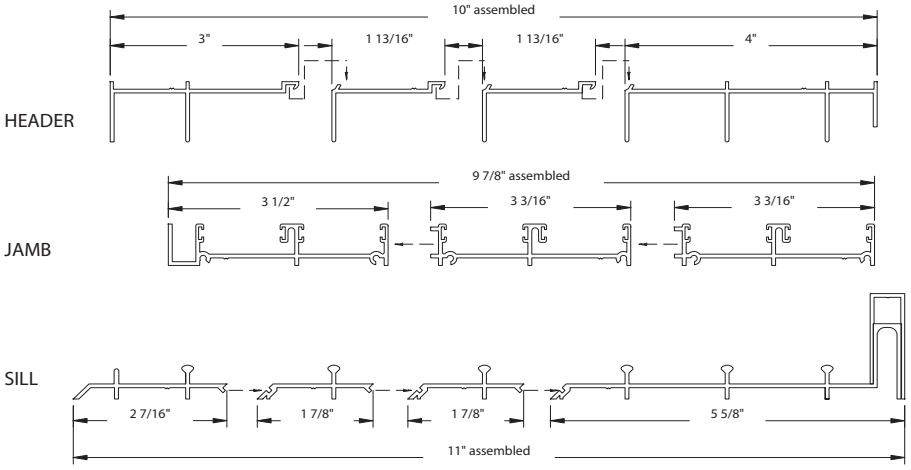
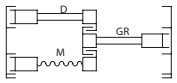
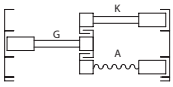
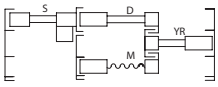
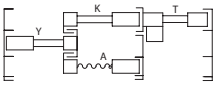
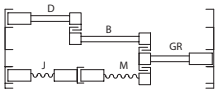
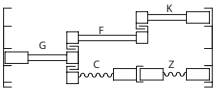
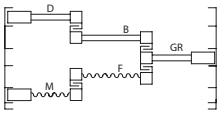
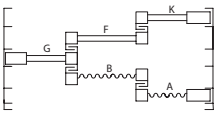
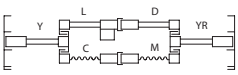
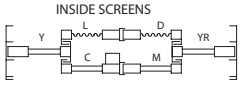
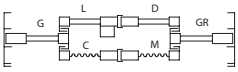
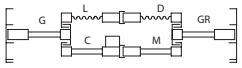
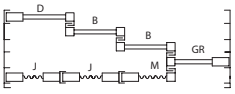
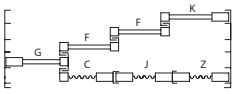
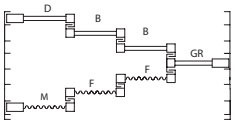
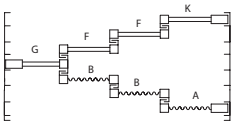


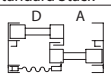
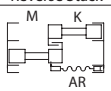
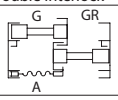
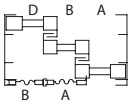
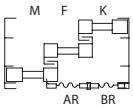
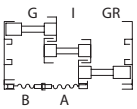
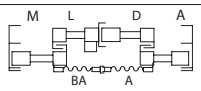
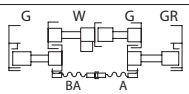
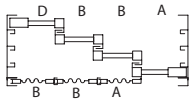
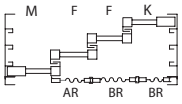
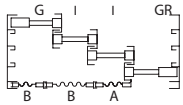
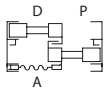
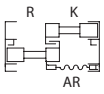
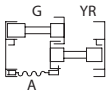
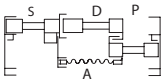
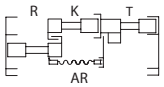
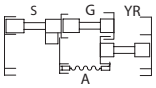
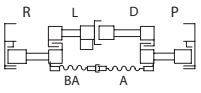
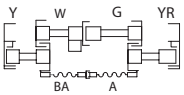
COMMON CONFIGURATIONS

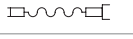
2000 SERIES DOORS HAVE DOUBLE INTERLOCKS.

2500 SERIES - BYPASS PANEL CONFIGURATIONS

TYPE	Standard Stack	Reverse Stack
2P3T XX BOX SCR.		
3P3T OXO BOX SCR.		
3P4T XXX BOX SCR.		
3P5T XXX BOX SCR.		
4P3T OXXO BOX SCR.		INSIDE SCREENS 
4P3T XXXX BOX SCR.		INSIDE SCREENS 
4P5T XXXX BOX SCR.		
4P7T XXXX BOX SCR		

2500 SERIES - BYPASS PANEL CONFIGURATIONS

TYPE	Standard Stack	Reverse Stack	Double Interlock
2P2T XX			
3P3T XXX			
4P2T XXXX		SAME AS STANDARD STACK	
4P4T XXXX			
2P2T XO-OX			
3P2T OXO			
4P2T OXXO		SAME AS STANDARD STACK	

CODE	SCREEN TYPES		
A	Locking Stile		Bug Sweep
B	Locking Stile		Astragal
C	Astragal		Astragal
AR	Bug Sweep		Locking Stile
BA	Bug Sweep		Astragal
BR	Astragal		Locking Stile

CODE	PANEL TYPES		
A	R.H. INTERLOCK		LOCKSTILE
B	R.H. INTERLOCK		R.H. INTERLOCK
C	R.H. INTERLOCK		ASTRAGAL IN
D	LOCKSTILE		INTERLOCK R.H.
E	L.H. INTERLOCK		R.H. INTERLOCK
F	L.H. INTERLOCK		L.H. INTERLOCK
G*	LOCKSTILE		DOUBLE INTERLOCK
H	R.H. INTERLOCK		L.H. INTERLOCK
I*	DOUBLE INTERLOCK		DOUBLE INTERLOCK
J*	LOCKSTILE		ASTRAGAL OUT
K	L.H. INTERLOCK		LOCKSTILE
L	L.H. INTERLOCK		ASTRAGAL OUT
M	LOCKSTILE		L.H. INTERLOCK
N	ASTRAGAL IN		L.H. INTERLOCK
P	R.H. INTERLOCK		FIXED LOCKSTILE

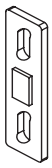
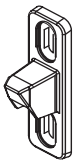
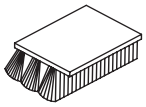
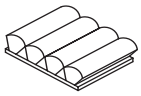
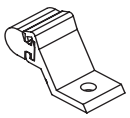
CODE	PANEL TYPES		
R	FIXED LOCKSTILE		L.H. INTERLOCK
S*	FIXED LOCKSTILE		ASTRAGAL OUT
T*	ASTRAGAL OUT		FIXED LOCKSTILE
U*	ASTRAGAL OUT		LOCKSTILE
V*	FIXED LOCKSTILE		FIXED LOCKSTILE
W*	DOUBLE INTERLOCK		ASTRAGAL IN
Y*	FIXED LOCKSTILE		DOUBLE INTERLOCK
Z*	LOCKSTILE		LOCKSTILE
YR*	DOUBLE INTERLOCK		FIXED LOCKSTILE
GR*	DOUBLE INTERLOCK		LOCKSTILE
DS	DOUBLE INTERLOCK		R.H. INTERLOCK
SD	L.H. INTERLOCK		DOUBLE INTERLOCK

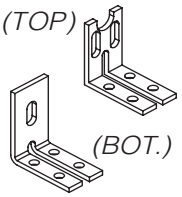
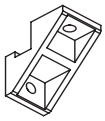
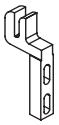
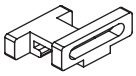
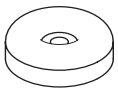
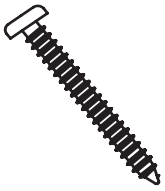
* = 2000 SERIES PANEL TYPES

POCKET DOOR CONFIGURATIONS (RIGHT HAND SHOWN)

SGD 2000/2500 ASSEMBLY

PARTS

	PART# AND DESCRIPTION	PARTS BAG QTY.
	BUMPER SPACER SET .030 & .060 THICK	1 set
	Allows an additional .030 to .060 to the jamb bumper, to match the jamb keeper spacers. (Only used if needed.)	
	LATCH SPACER SET 1/16 & 1/8 THICK	1 set
	Allows an additional 1/16 to 1/8 shim to the jamb keeper. (Only used if needed.)	
	PANEL JAMB KEEPER	2
	Keeper for the standard interior/exterior panel pull. Attaches to the main frame jamb.	
	DUST PLUG (HIGH)	1 at each inter-lock
	Placed in main frame header between the rails where the interlocks meet, to weather seal the air space.	
	DUST PLUG (LOW)	1 at each inter-lock
	Placed in the main frame sill track between the rails where interlocks meet, to weather seal the air space.	
	POCKET DOOR BUMPER	1 per panel
	Installed between the track rails to prevent the pocket panel from rolling off the track. (Only included in pocket doors.)	
	#6 x 1/2 Pn. Ph. AB	15
	(Use is OPTIONAL) Main frame assembly & screen keeper screw. When used on the main frame only, not applicable for doors exceeding 3 tracks.	
	#6 x 3/8 Pn. Ph. AB	2
	Screw used on the frame jamb bumper to attach the frame bumper to the frame jamb.	

	PART# AND DESCRIPTION	PARTS BAG QTY.
(TOP)  (BOT.)	FIXED PANEL CLIPS (TOP) FIXED PANEL CLIPS (BOTTOM)	1 set per fixed panel
	L-shaped aluminum bracket used to secure fixed "O" panel to the track. (Only sent with units having fixed panels.)	
	FIXED PANEL BRACKET	3 per fixed panel
	Reinforced vinyl clip that attaches to the panel lockstile and the main frame jamb. (Only sent with units having fixed panels.)	
	ASTRAGAL SCREEN KEEPER	1 per screen astragal
	The keeper that is used in the standard screen astragal for locking. (Only sent with screens that lock together.)	
	STANDARD SCREEN KEEPER	1 per standard screen
	The keeper for locking the standard screen into the main frame jamb. (Only sent when Standard Screens are used.)	
	FRAME JAMB BUMPER	2
	Applied to the main frame jamb. It keeps the aluminum panel from making contact with the aluminum main frame.	
	TRACK CLIP BUMPER	2
	Applied to the main frame jamb, as needed, to stop the track clip from rolling off the rail.	
	#8 x 5/16 Tr. Ph. B Frame jamb keeper screw. Attaches jamb keeper to the main frame.	2
	#10 x 1 Ph. Pan TEK	4 per clip 2 per bracket
	Fixed bracket/clip screw. Attaches fixed panel clips & brackets to main frame.	
	#8 x 1 1/2 Pn. Ph. B	1 PER BUMPER
	TRACK CLIP BUMPER SCREW Screw to attach the track clip bumper to the main frame jamb.	